

FIRE, WEATHER AND SMOKE SYNOPSIS

Weather: Chance of showers and possibly snow early today, transitioning to clear and cold tonight. Warmer and drier on Tuesday.

Fire Activity: With expected weather, fire behavior is expected to be minimal today. Larger woody material remains historically dry and will continue to actively burn and smolder during the day and over night. It is unlikely the fire will grow significantly today.

Smoke Summary: With scattered rain throughout the day expect clean air in the Yellowstone area. Smoke from the ongoing smoldering of larger fuels on the Maple Fire will continue to drift over night into Duck Creek and possibly West Yellowstone. Smoke concentrations will be highest early morning in these areas with a clearing by mid-morning as the inversion lifts. Mammoth Hot Springs, Gardiner, Lake Junction and Madison Junction will likely see GOOD air quality throughout today.

NOTE: Breathing smoke is not healthy for anyone, but some people are at greater risk, including those with heart or lung disease, children, and the elderly. If it looks smoky, you may want to limit or eliminate exercise or other outdoor activities. A daily air quality summary report and links to real-time monitoring data and information about ways to limit your exposure to protect your health are available below.

Air Quality Outlook (smoke related)

Sites with air quality monitors (based on Air Quality Index for each 24-hr day)

Site	Yesterday	Today	Tomorrow	Smoke Notes
Bozeman	Good	Good	Good	
Duck Creek	Moderate	Good	Moderate	Rain will keep air clear today; smoke may drift into area early tomorrow morning resulting in a short term spike in USG to UNHEALTHY range. Clearing by mid-morning
Mammoth Hot Springs/ Gardiner	Good	Good	Good	GOOD air quality all day.
West Yellowstone	Good	Good	Good	Rain will keep air clear today; smoke may drift into area early tomorrow morning resulting in short term spike in MODERATE to USG range. Clearing by mid-morning

Sites without a monitor – estimated outlook

Site	Today	Tomorrow	Smoke Notes
Madison Junction	Good	Good	GOOD air quality all day
Lake Junction	Good	Good	GOOD air quality all day.

Disclaimer: Conditions may change quickly. These predictions are based on anticipated weather and fire activity.

USG – Unhealthy for Sensitive Groups



Link to other websites with smoke related information including real-time monitoring data and an explanation of the different colors representing the Air Quality Index: <http://go.nps.gov/YellowstoneSmoke>